

INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC382-US

Serial No.: 09/462,845

Applicant: David A. Estell

Filing Date: January 13, 2000

Group: 1652

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Date of this Submission: March 4, 2002

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US PATENT DOCUMENTS

Examiner's Initials	Document Number	Date	Name	Class	Sub-Class	Filing Date
OIP	4,816,567	3/28/89	Cabilly et al.	530	387	4/8/83
YD	4,366,241	12/28/82	Tom et al.	435	7	8/7/80
MAR 15 2002 USPTO	4,275,149	6/23/81	Litman et al.	435	7	11/24/78
YD	4,277,437	7/7/81	Maggio	422	61	12/10/79
YD	3,996,345	12/7/76	Ullman et al.	424	12	6/30/75
YD	3,939,350	2/17/76	Kronick et al.	250	365	4/29/74
YD	3,850,752	11/26/74	Schuurs et al.	195	103.5	10/29/71
YD	3,817,837	6/18/74	Rubenstein et al.	195	103.5	11/6/72
YD	4,533,359	8/6/85	Kondo et al.	8	128	11/5/82
YD	5,204,015	4/20/93	Caldwell et al.	252	174.12	10/9/92
YD	4,261,868	4/14/81	Hora et al.	252	529	8/8/79
YD	5,585,253	12/17/96	Doi et al.	435	172.3	11/27/89
YD	4,404,128	9/13/83	Anderson	252	546	5/29/81
YD	5,264,366	11/23/93	Ferrari et al.	435	252.31	11/25/91
YD	5,612,055	11/18/97	Bedford et al.	424	442	8/16/95
YD	5,147,642	9/15/92	Lotz et al.	424	94.61	12/5/89
YD	5,314,692	5/24/94	Haarasilta et al.	424	94.2	5/2/91

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Examiner's Initials	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
YD	WO 95/14099	5/26/95	PCT			
YD	WO 88/06623	9/7/88	PCT			
YD	0 369 817 B1	4/24/96	EP			
YD	0 134 267 B1	8/2/89	EP			
YD	0 344 250 B1	5/12/93	EP			
YD	21634	4/82	RD			

OTHER DOCUMENTS

Examiner's Initials			
Initials	Author, Title, Date, Pertinent Pages, etc.		
YD	Ausubel et al., ed. <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, Inc. Ch. 2 and 3, 1987.		
YD	Bakhiet et al., "Studies on Transfection and Transformation of Protoplasts of <i>Bacillus larvae</i> , <i>Bacillus subtilis</i> , and <i>Bacillus popilliae</i> ," <i>Applied and Environmental Microbiology</i> , vol. 49, no. 3, pp. 577-581, March, 1985.		

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PTO-1449

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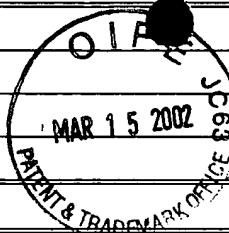
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						2000

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YJ	Benton et al., "Steering λgt Recombinant Clones by Hybridization to Single Plaques in situ," <i>Science</i> , vol. 196, no. 4286, pp. 180-182, April 8, 1977.
YJ	*Berger and Kimmel, "Guide to Molecular Cloning Techniques," <i>Methods in Enzymology</i> , Academic Press, San Diego, CA vol. 152, 1987.
YJ	Chang et al., "High Frequency Transformation of <i>Bacillus subtilis</i> Protoplasts by Plasmid DNA," <i>Molec. Gen. Genet.</i> , vol. 168, pp. 111-115, 1979.
YJ	Contente et al., "Marker Rescue Transformation by Linear Plasmid DNA in <i>Bacillus subtilis</i> ," <i>Plasmid</i> , vol. 2, pp. 555-571, 1979.
YJ	*Coombs, J., <i>Dictionary of Biotechnology</i> , Stockton Press, New York, N.Y., 1994.
YJ	*Dieffenbach et al., <i>PCR Primer, a Laboratory Manual</i> , Cold Springs Harbor Press, Plainview, N.Y., 1995.
YJ	Fischer et al., "Introduction of plasmid pC194 into <i>Bacillus thuringiensis</i> by Protoplast transformation and plasmid transfer," <i>Archives of Microbiology</i> , vol. 139, pp. 213-217, 1984.
YJ	*Glover, D. M. ed., <i>DNA Cloning: A Practical Approach</i> , MRL Press, Ltd., Oxford, U.K., vol. I, II.
YJ	Grunstein et al., "Colony hybridization: A method for the isolation of cloned DNAs that contain a specific gene," <i>Proc. Nat. Acad. Sci. USA</i> , vol. 72, no. 10, pp. 3961—3965, October, 1975.
YJ	Haima, Peter et al., "Novel plasmid marker rescue transformation system for molecular cloning in <i>Bacillus subtilis</i> enabling direct selection of recombinants," <i>Mol. Gen. Genet.</i> , vol. 223, pp. 185-191, 1990.
YJ	*Hampton, R. et al., <i>Serological Methods, a Laboratory Manual</i> , APS Press, St. Paul, MN. 1990.
YJ	*Harwood et al., <i>Molecular Biological Methods for Bacillus</i> , John Wiley & Sons, 1990.
YJ	Holubova et al., "Transfer of Liposome-Encapsulated Plasmid DNA to <i>Bacillus subtilis</i> Protoplasts and Calcium-Treated <i>Escherichia coli</i> Cells," <i>Folia Microbiol.</i> , vol. 30, pp. 97-100, 1985.
YJ	Kroll et al., "A Multifunctional Prokaryotic Protein Expression System: Overproduction, Affinity Purification, and Selective Detection," <i>DNA and Cell Biology</i> , vol. 12, no. 5, pp. 441-453, 1993.
YJ	Kunst, F. et al., "The complete genome sequence of the Gram-positive bacterium <i>Bacillus subtilis</i> ," <i>Nature</i> , vol. 390, pp. 249-264, November 20, 1997.
YJ	Levine, A. et al., "A 10-3 kbp segment from <i>nprB</i> to <i>argJ</i> at the 102° region of the <i>Bacillus subtilis</i> chromosome," <i>Microbiology</i> , vol. 143, pp. 175-177, 1997.
YJ	Maddox et al., "Elevated Serum Levels in Human Pregnancy of a Molecule Immunochemically Similar to Eosinophil Granule Major Basic Protein," <i>J. Exp. Med.</i> , vol. 158, pp. 1211-1226, October, 1983.
YJ	Mann et al., "Transformation of <i>Bacillus spp.</i> : an Examination of the Transformation of <i>Bacillus</i> Protoplasts by Plasmids pUB110 and pHV33," <i>Current Microbiology</i> , vol. 13, pp. 191-195, 1986.

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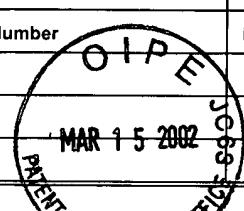
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Examiner's Initials	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No

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Initials	Author, Title, Date, Pertinent Pages, etc.
Up	Margot, Philippe et al., "The <i>wprA</i> gene of <i>Bacillus subtilis</i> 168, expressed during exponential growth, encodes a cell-wall-associated protease," <i>Microbiology</i> , vol. 142, pp. 3437-3444, 1996.
Up	McDonald et al., "Plasmid Transformation of <i>Bacillus sphaericus</i> 1593," <i>Journal of General Microbiology</i> , vol. 130, pp. 203-208, 1984.
Up	Murray et al., "Codon usage in plant genes," <i>Nucleic Acids Research</i> , vol. 17, no. 2, pp. 477-498, 1989.
Up	Porath, Jerker "Immobilized Metal Ion Affinity Chromatography," <i>Protein Expression and Purification</i> , vol. 3, pp. 263-281, 1992.
Up	Sambrook, J. et al., <i>Molecular Cloning, A Laboratory Manual</i> , 2 nd ed. Cold Spring Harbor Laboratory Press, Ch. 1-4, 1989.
Up	Smith, Michael et al., "Protoplast Transformation in Coryneform Bacteria and Introduction of an α -Amylase Gene from <i>Bacillus amyloliquefaciens</i> into <i>Brevibacterium lactofermentum</i> ," <i>Applied and Environmental Microbiology</i> , vol. 51, no. 3, pp. 634-639, March, 1986.
Up	Vorobjeva, I.P. et al., "Transformation of <i>Bacillus Megaterium</i> Protoplasts by Plasmid DNA," <i>FEMS Microbiology Letters</i> 7, pp. 261-263, 1980.
Up	Ward, Michael et al., "Use of <i>Aspergillus</i> overproducing mutants, cured for integrated plasmid, to overproduce heterologous proteins," <i>Appl. Microbiol. Biotechnol.</i> , vol. 39, pp. 738-743, 1993.
Up	Weinrauch et al., "Plasmid Marker Rescue Transformation Proceeds by Breakage-Reunion in <i>Bacillus subtilis</i> ," <i>Journal of Bacteriology</i> , vol. 169, no. 3, pp. 1205-1211, March, 1987.
Up	Weinrauch et al., "Plasmid Marker Rescue Transformation in <i>Bacillus subtilis</i> ," <i>Journal of Bacteriology</i> , vol. 154, no. 3, pp. 1077-1087, June, 1983.
Up	EMBL/Genbank/DDBJ Databases Accession no. P70948, XP-0020808814, February 1, 1997.
Up	EMBL/Genbank/DDBJ Databases Accession no. 032120, Sequence reference 032120, XP-002080815, January 1, 1998.
Up	PCT International Search Report

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